

# BCP Facility and ANL/Cornell Processing Update

Allan Rowe  
Fermilab  
AD/MSD

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# BCP Facility Development Status

**Processing Rooms:** Completed

**Clean Rooms:** Completed

**Scrubber:** Completed

**Mezzanine:** 90% completed

Remaining work:

1. Electrical for chillers/EP power supply (208 & 480)
2. Sprinkler installation: Completed
3. Under mezzanine lighting: Solutions being debated

# BCP Facility Development Status cont...

**Ultra Pure Water Plant:** Procured

Remaining work:

1. Installation: Mid. December (Crossbow waiting on parts)
2. Quality verification: End of December

**Ultra Pure Water Distribution:** Installation underway

Remaining work:

1. Installation: Ongoing
2. System testing: End of December (driven by Crossbow)

# BCP Facility Development Status cont...

**BCP System (Mechanical/Electrical):** 99% complete

Remaining work:

1. Miscellaneous system tweaks: Ongoing
2. System testing: Ongoing

**BCP System (Controls Testing):** 80% complete

Remaining work:

1. Programming modifications: Ongoing
2. System testing: Ongoing
3. Personnel training: Will begin when controls are finished

# BCP Facility Development Status cont...

**BCP System Safety Review:** Pending

Remaining work:

1. ANL (Shepard) review.
2. ANL review and approval of Shepard/Kelly operations
3. ANL review of FNAL BCP System

Goal to complete **item 3**: January 2006

**BCP System Hardware/Fixtures/Transport:**

Receiving attention. Designer (D. Mitchell contractor) working as of December 6.

# BCP Facility Development Status cont...

## **3<sup>rd</sup> Harmonic Traveler Documentation: !!!**

Needs attention ASAP. 50% of a Process Engineer for 3 months.

## **Cleanroom Setup: Planning sessions this week!**

Cleanroom hardware and storage purchases will begin within the month. Planning sessions with BCP System operators are ongoing.